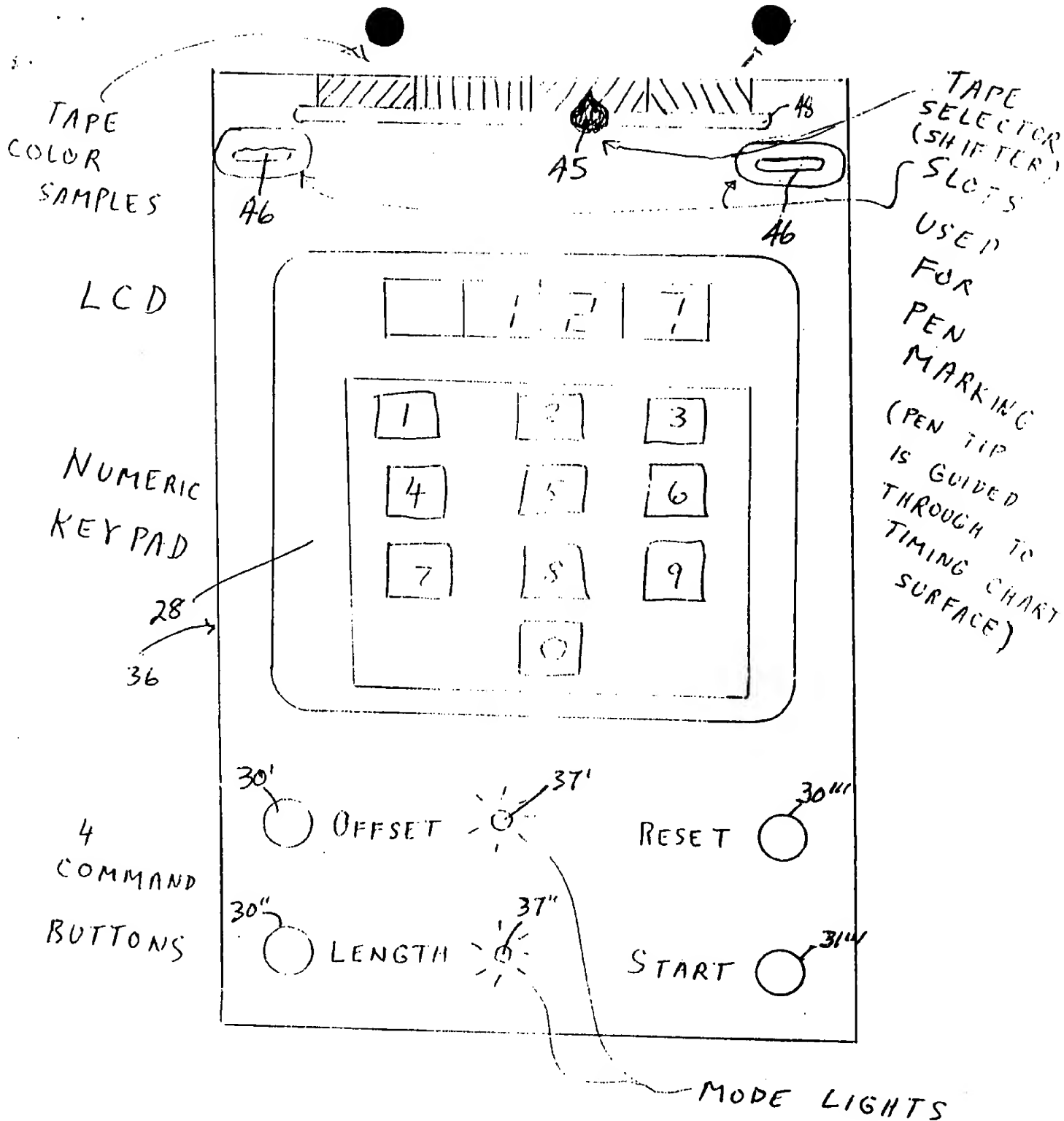


PORTION OF TIMING CHART SHOWING
MOTOR DRIVEN DIGITAL TAPE DISPENSER
AND LOCATOR.

FIG 3



TAPE DISPENSING UNIT
(USER INTERFACE)

FIG. 3A.

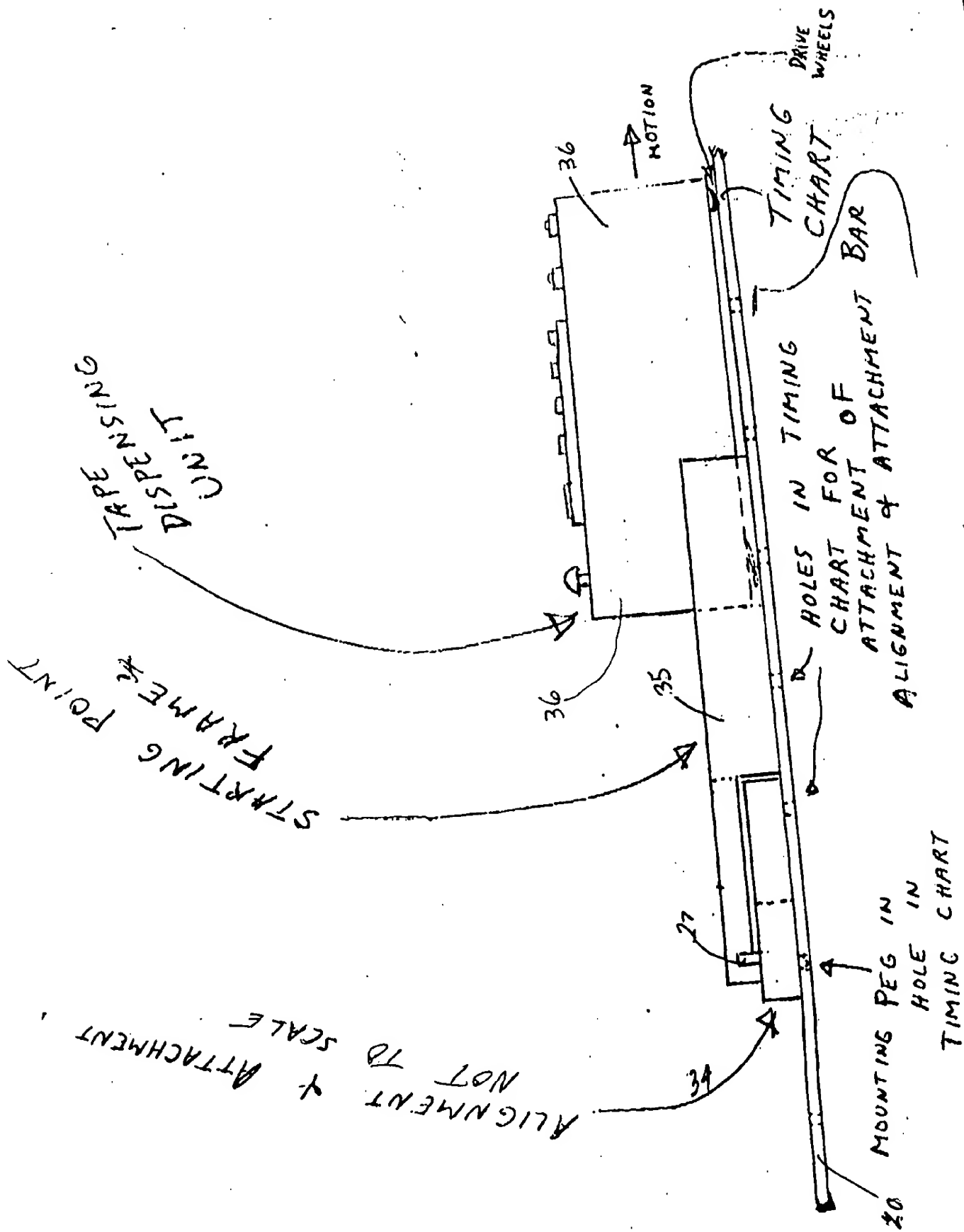
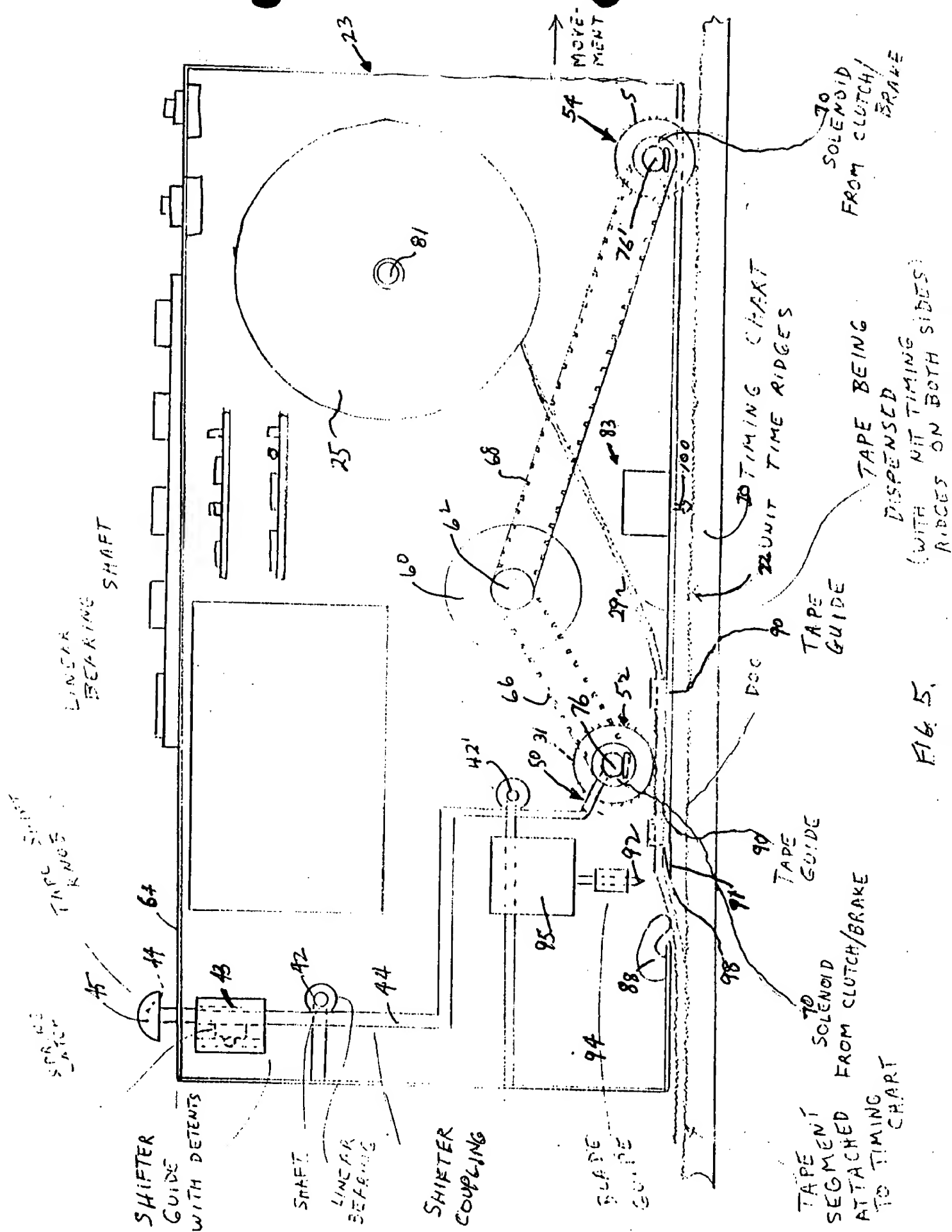
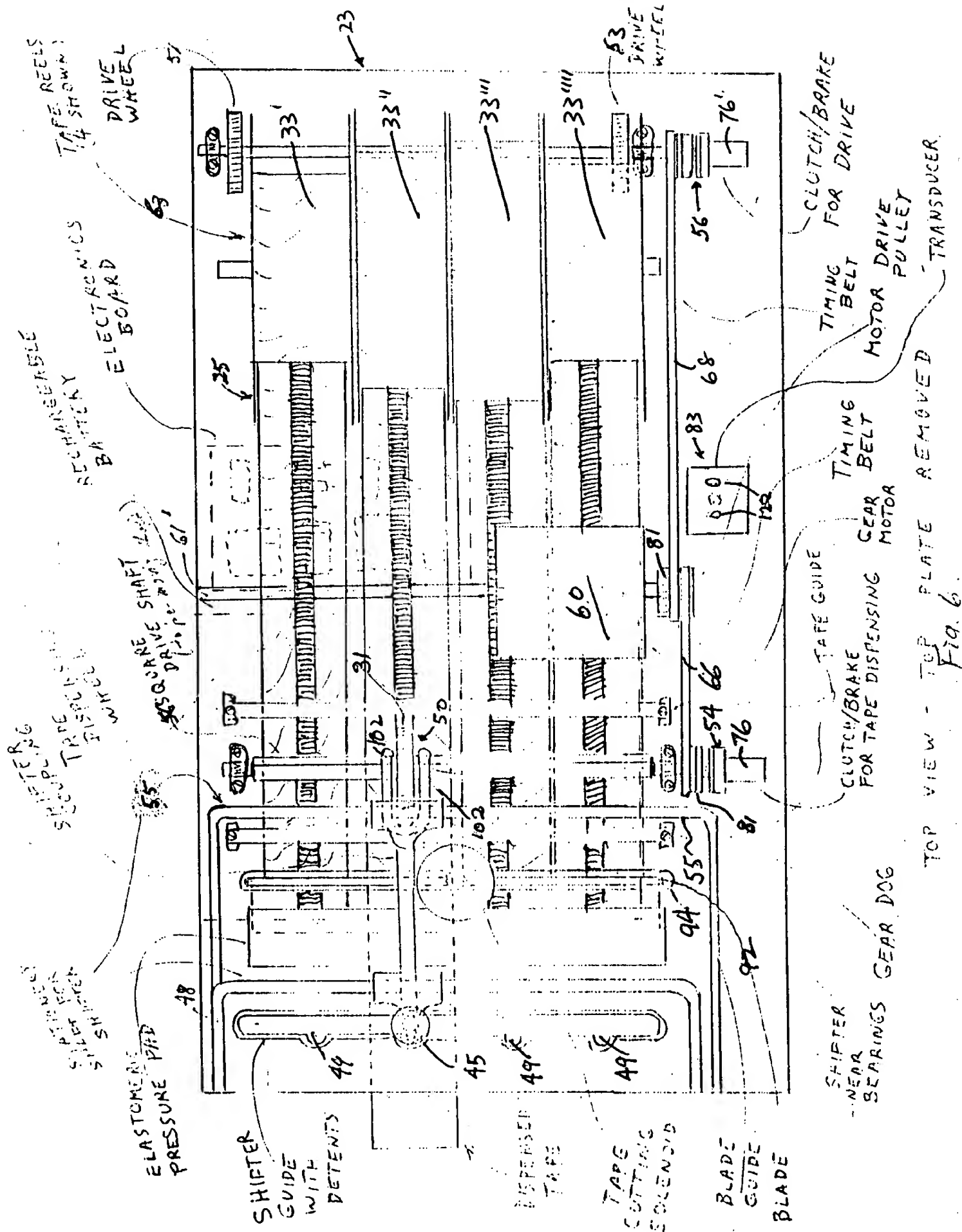


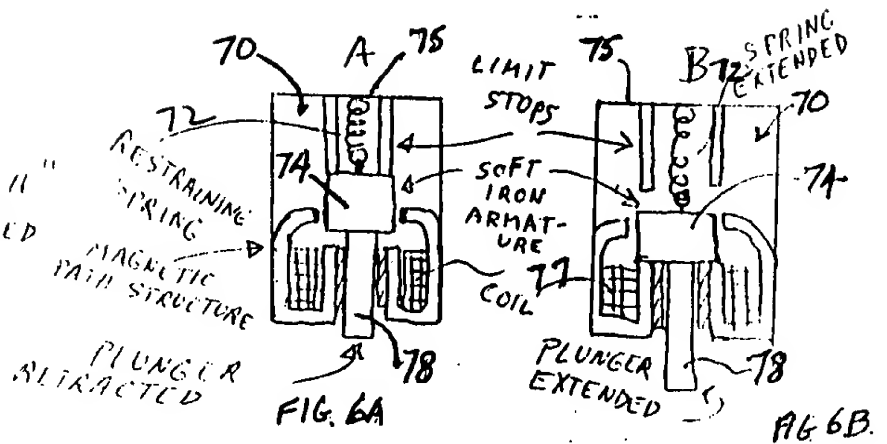
FIG. 4.





CROSSSECTIONAL
SIDE VIEWS OF "PUSH"
SOLENOID. A - UNENERGIZED
B - ENERGIZED

FIGS. 6A & 6B.



SEE MD8
FOR
OTHER
DETAILS

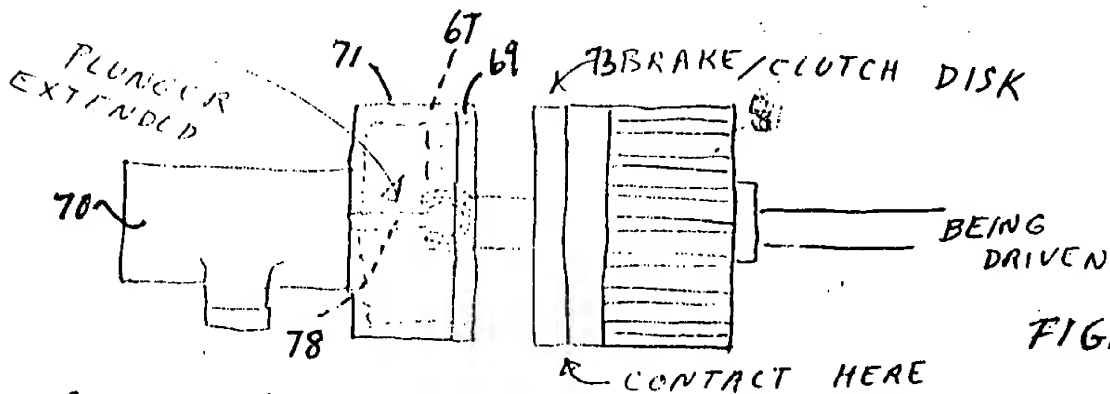


FIG. 10

CLUTCH/BRAKE WITH DRIVE SOLENOID
ENERGIZED. CLUTCH ENGAGED DRIVING
OUTPUT SHAFT. BRAKE/CLUTCH
DISK FORCED IN CONTACT WITH TIMING BELT PULLEY.

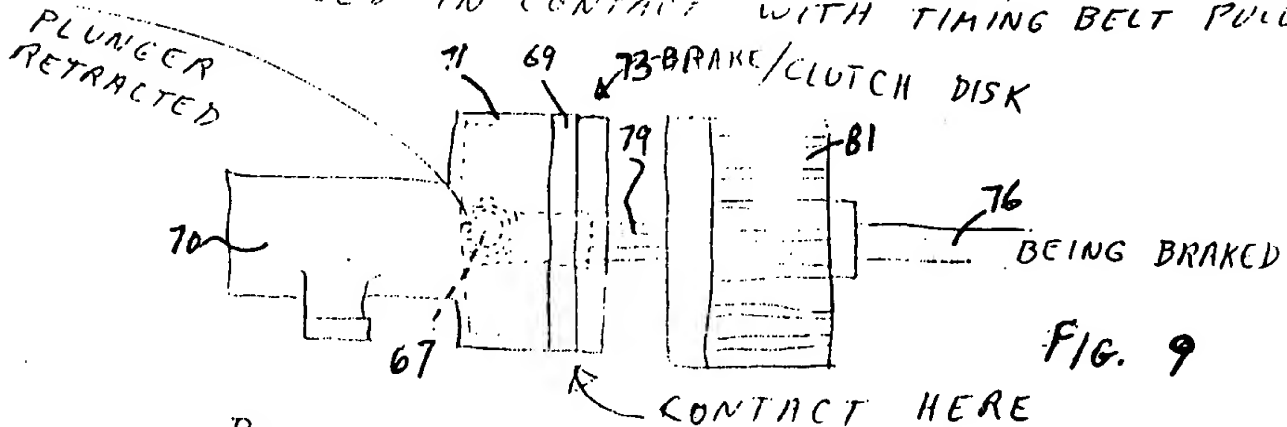


FIG. 9

DRIVE SOLENOID DEENERGIZED, BRAKE/CLUTCH
DISK FORCED AGAINST BRAKE SURFACE,
CLUTCH DISENGAGED, PULLEY FREEWHEELING.

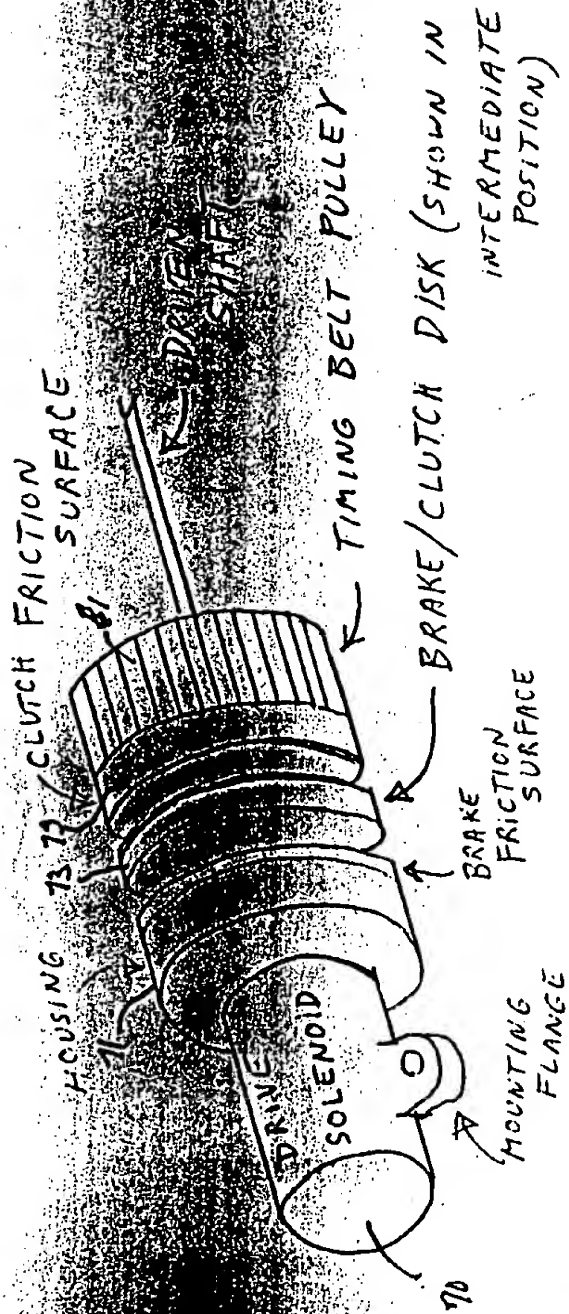
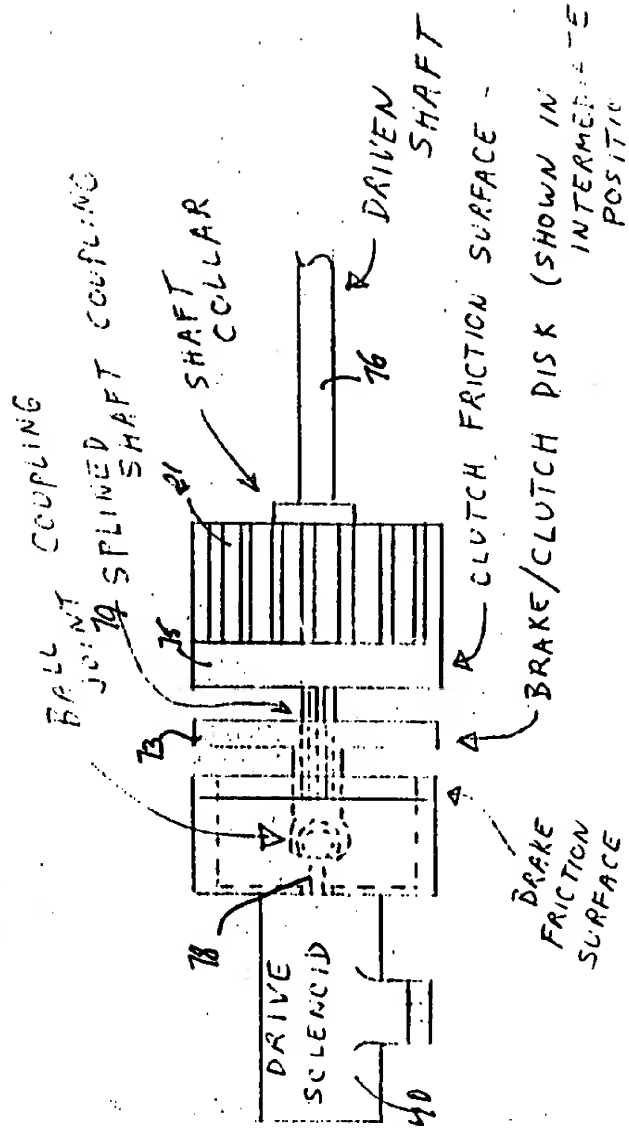


FIG. MD 7 ELECTROMAGNETIC CLUTCH/BRAKE



LEFT SIDE VIEW ELECTROMAGNETIC CLUTCH/BRAKE

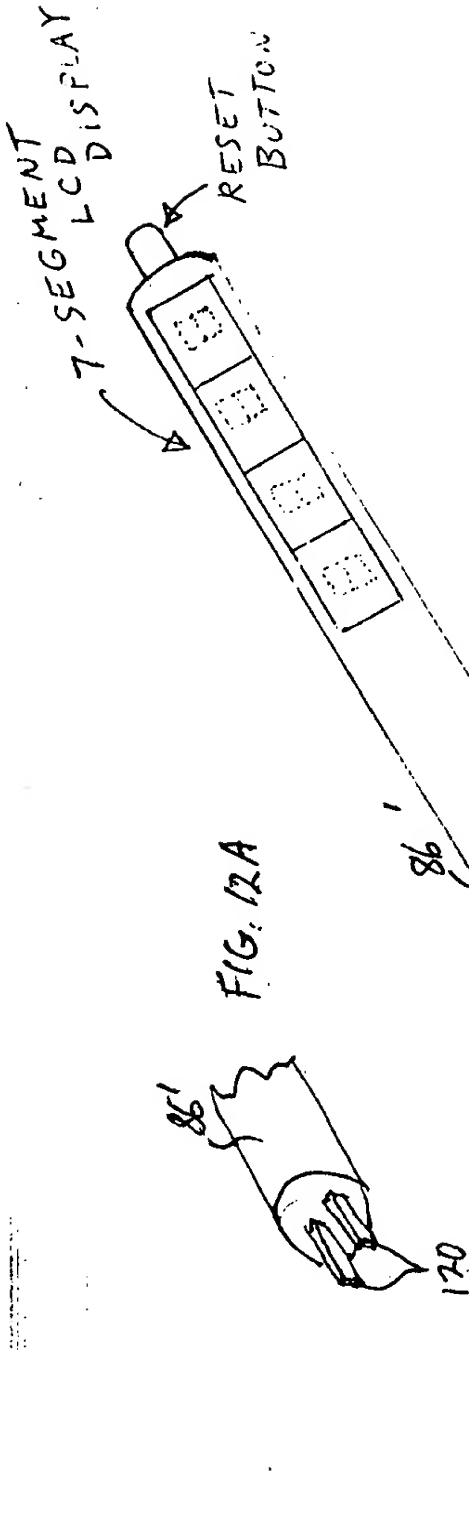


FIGURE 12
DIGITAL PLANIMETER

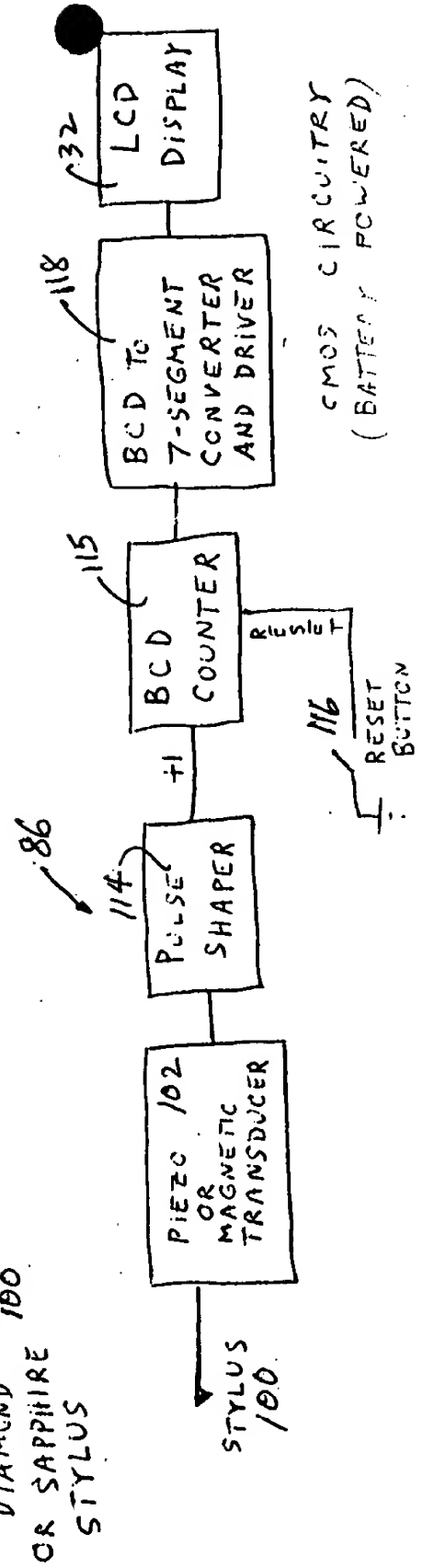
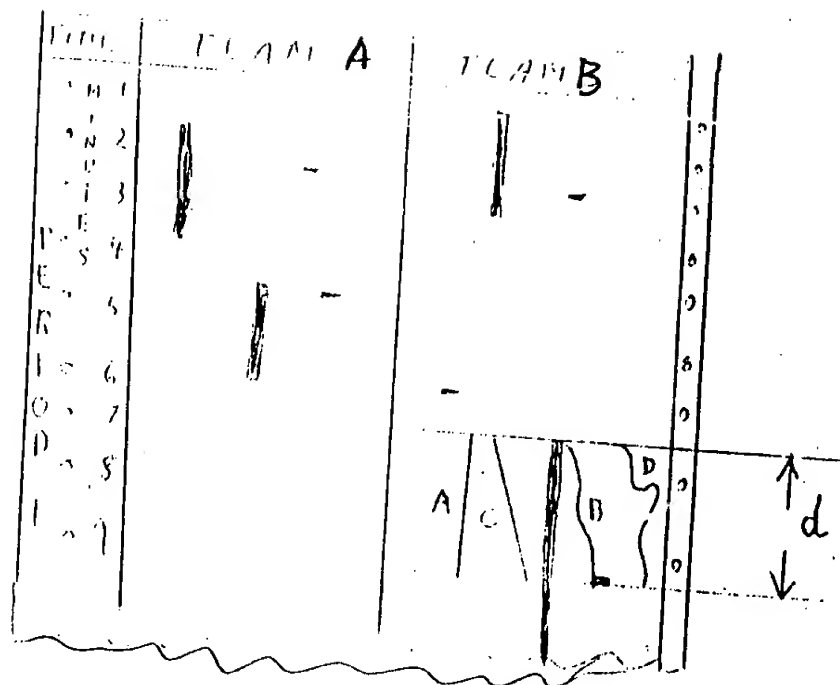
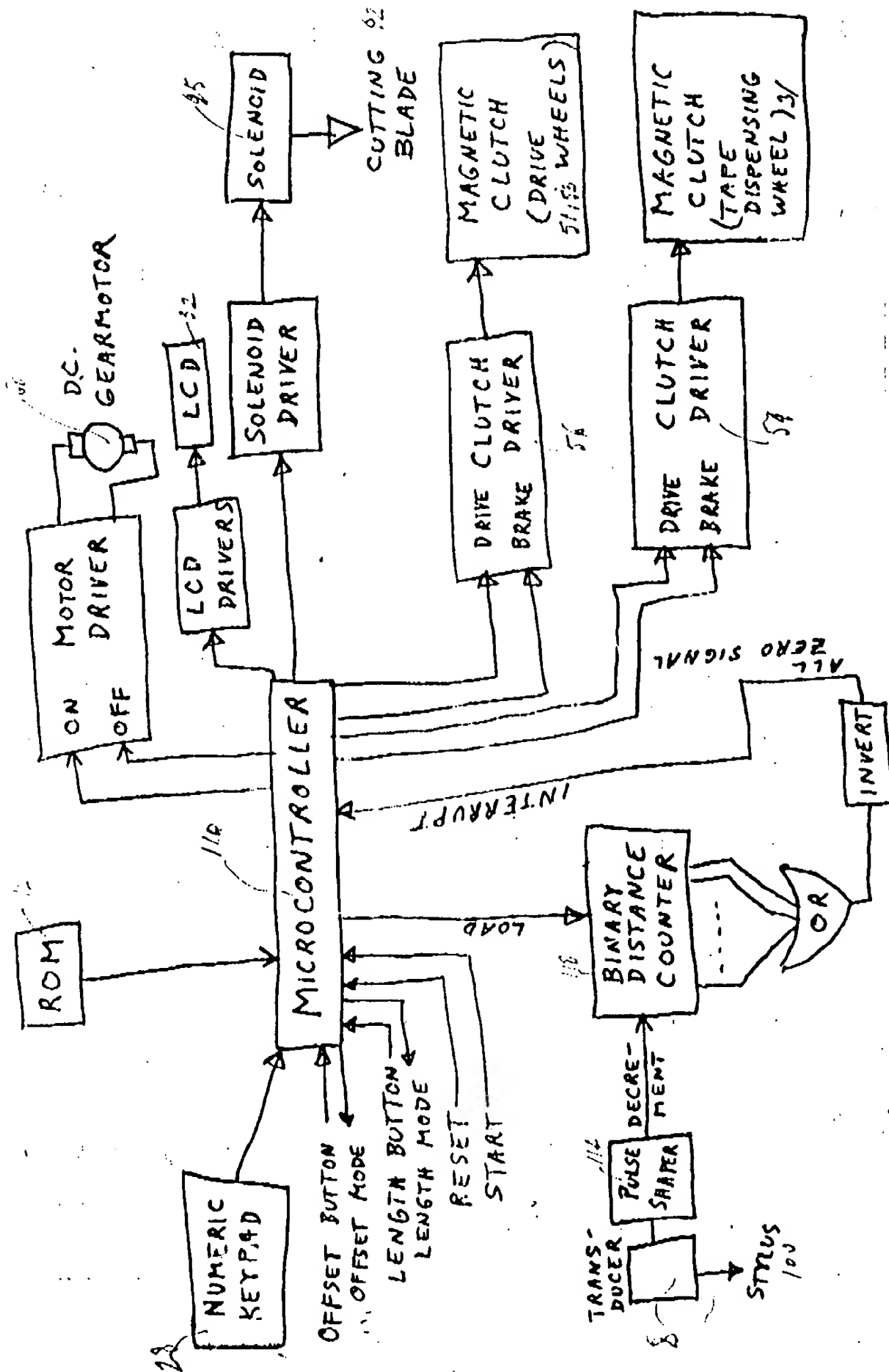


FIG. 13





BLOCK DIAGRAM OF DRIVE & CONTROL

FIG. 14

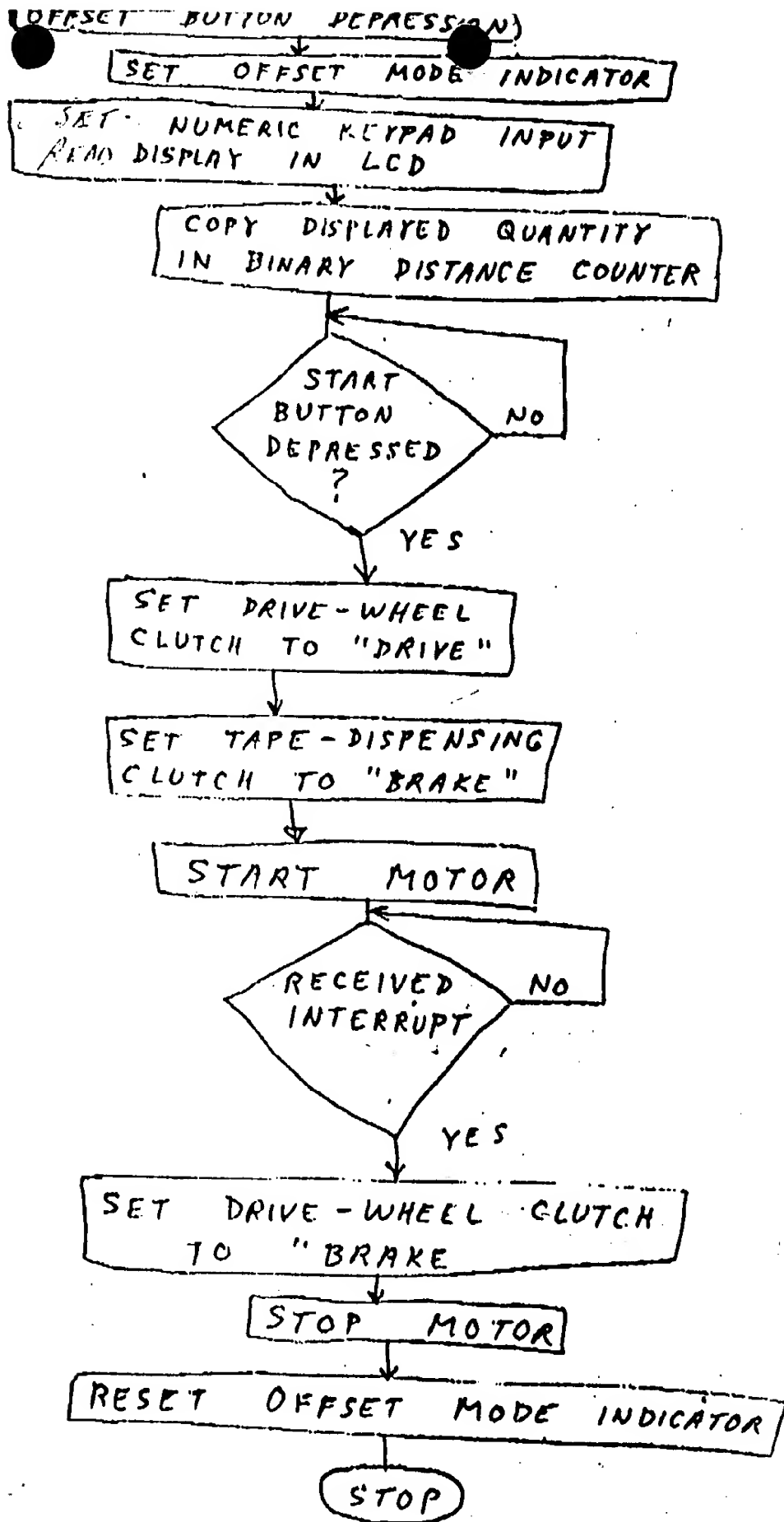


FIG 15.

-OFFSET FLOWCHART

LENGTH BUTTON DEPRESSION

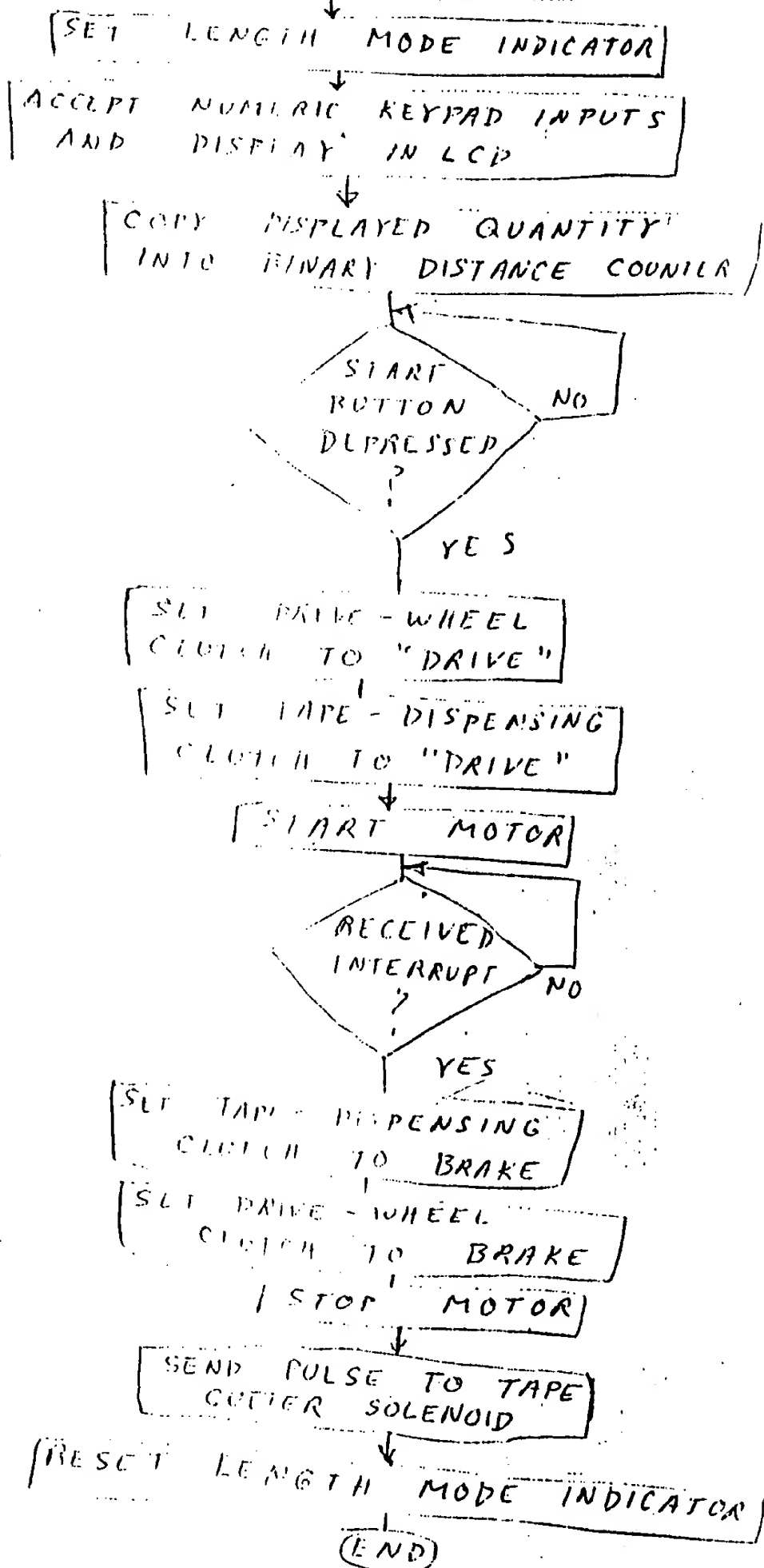
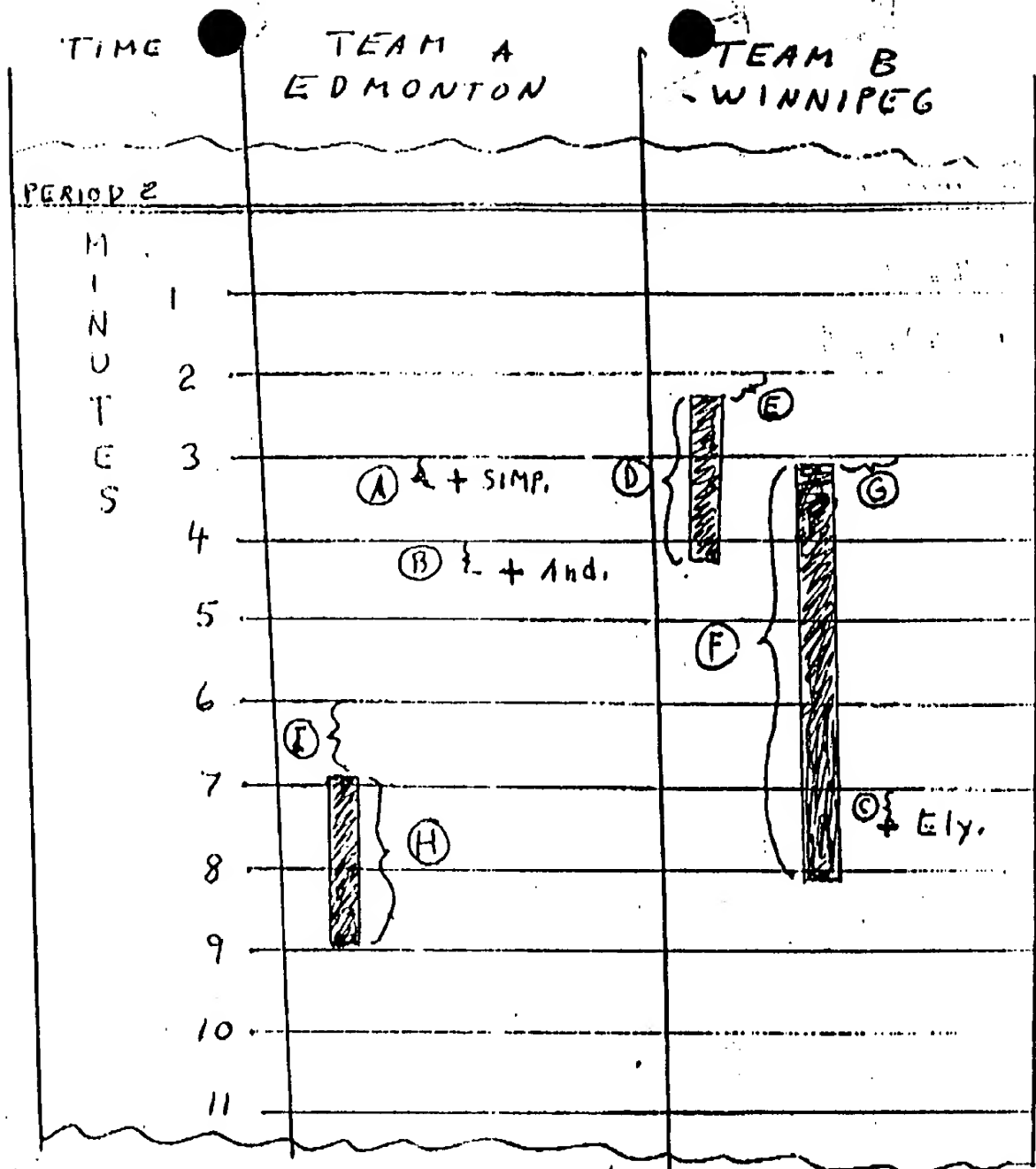


FIG. 16



PORTION OF TIMING CHART - SECOND PERIOD

PORTION OF BOX SCORE (SECOND PERIOD) :

3. Edm, Simpson (29) 3:19

4. Edm, Anderson (34) 4:25

5. Wpg, Elynuk (32) 7:26

Pen - Taglianetti, Wpg (Hooking), 2:16
 Marchment, Wpg (Major), 3:07
 Klima, Edm (roughing), 6:56

F/G. 17

EXAMPLE A

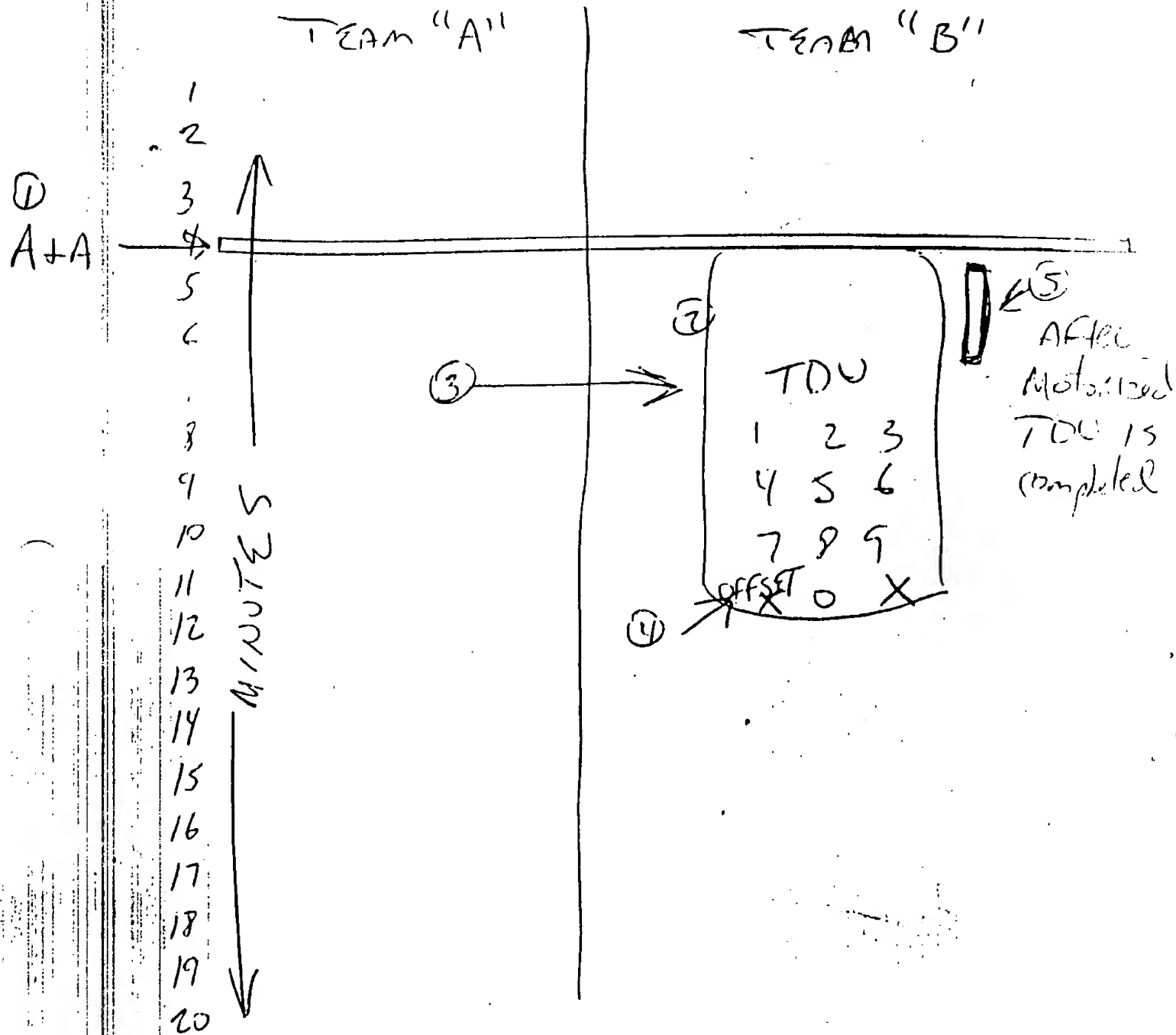


FIG. 18

Example B

Team "A"

Team "B"

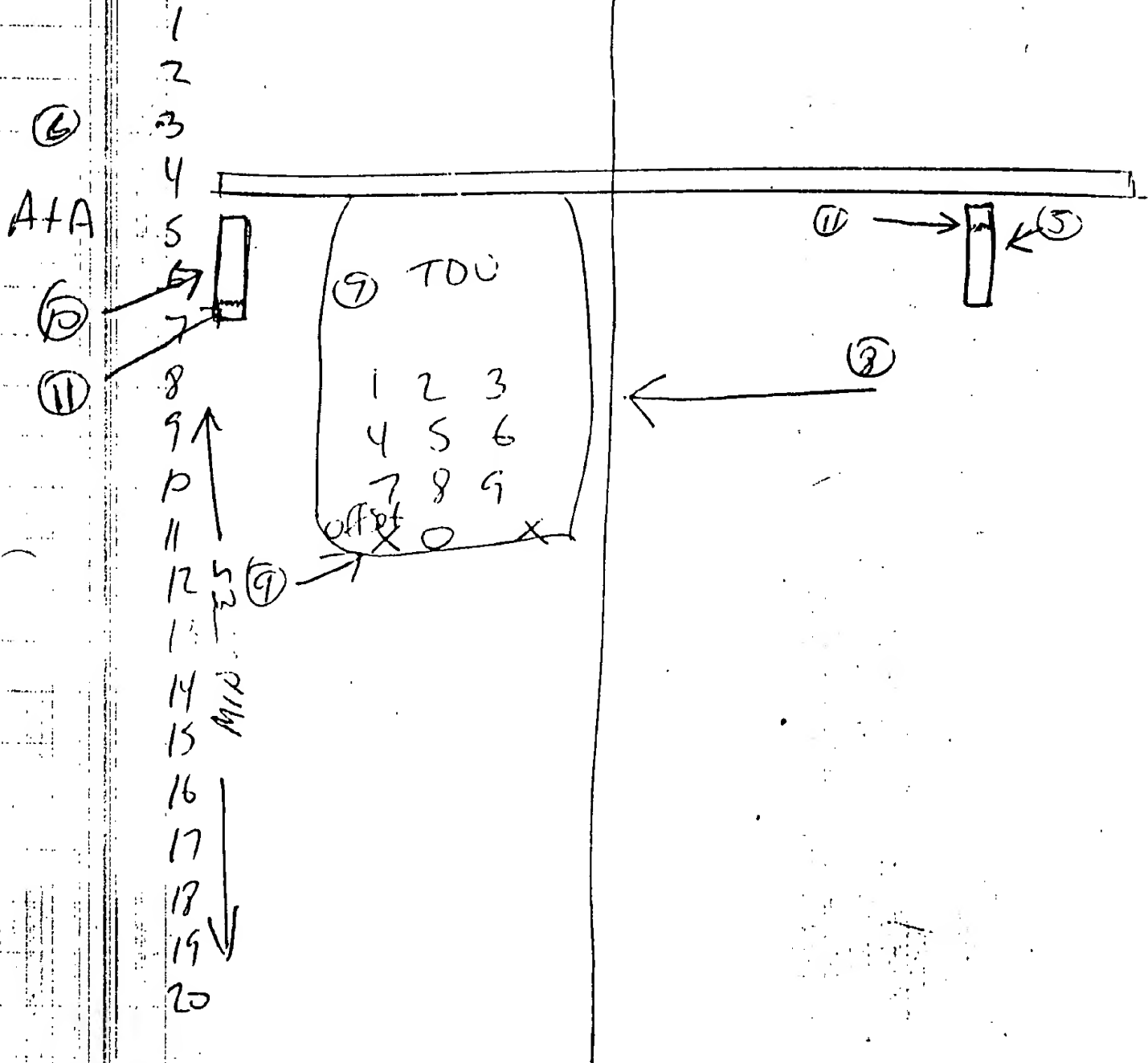


FIG. 18A

Example #1

Term "A"

Term B"

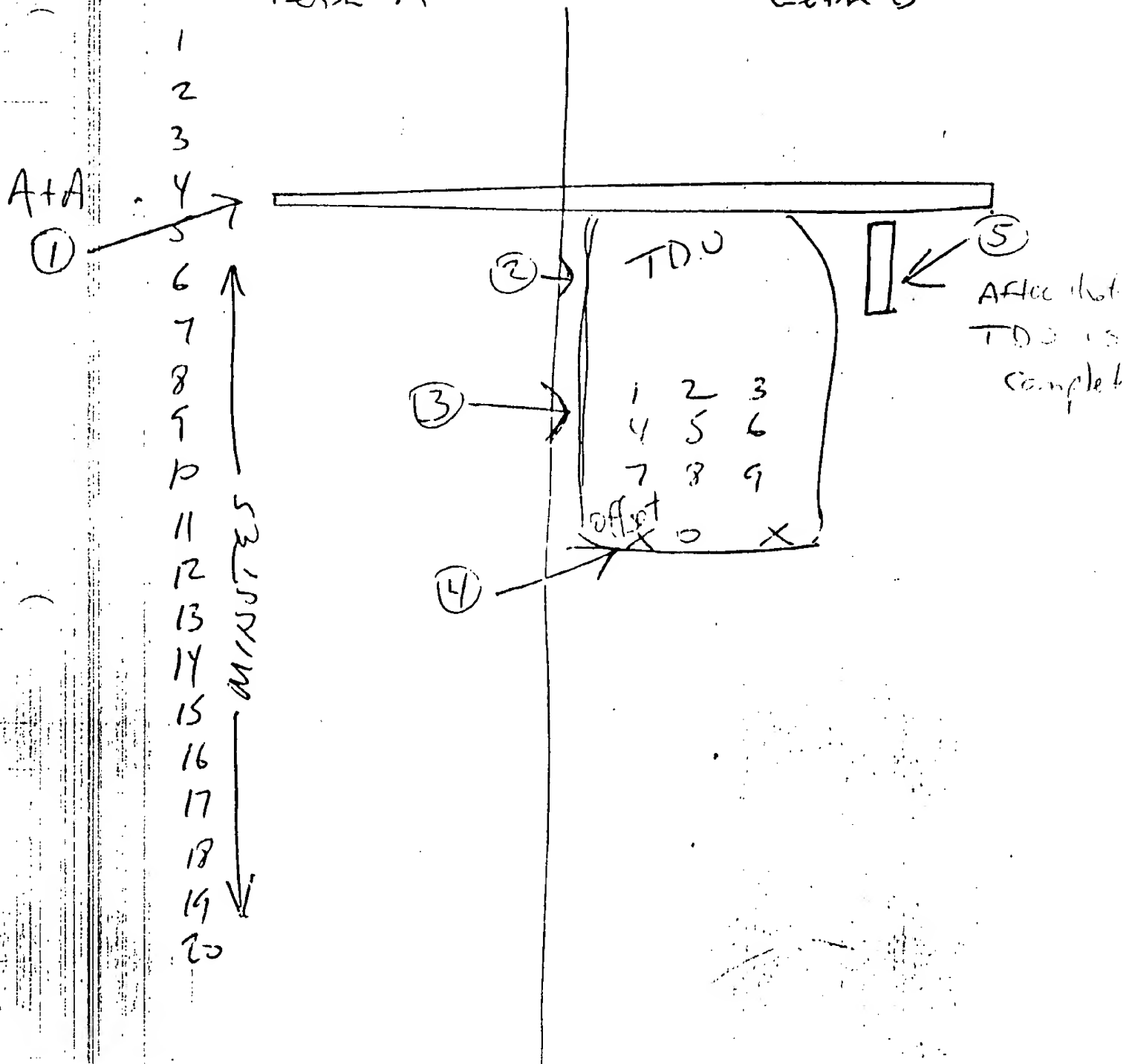


FIG. 18B

Example C #2

Team "A"

Team "B"

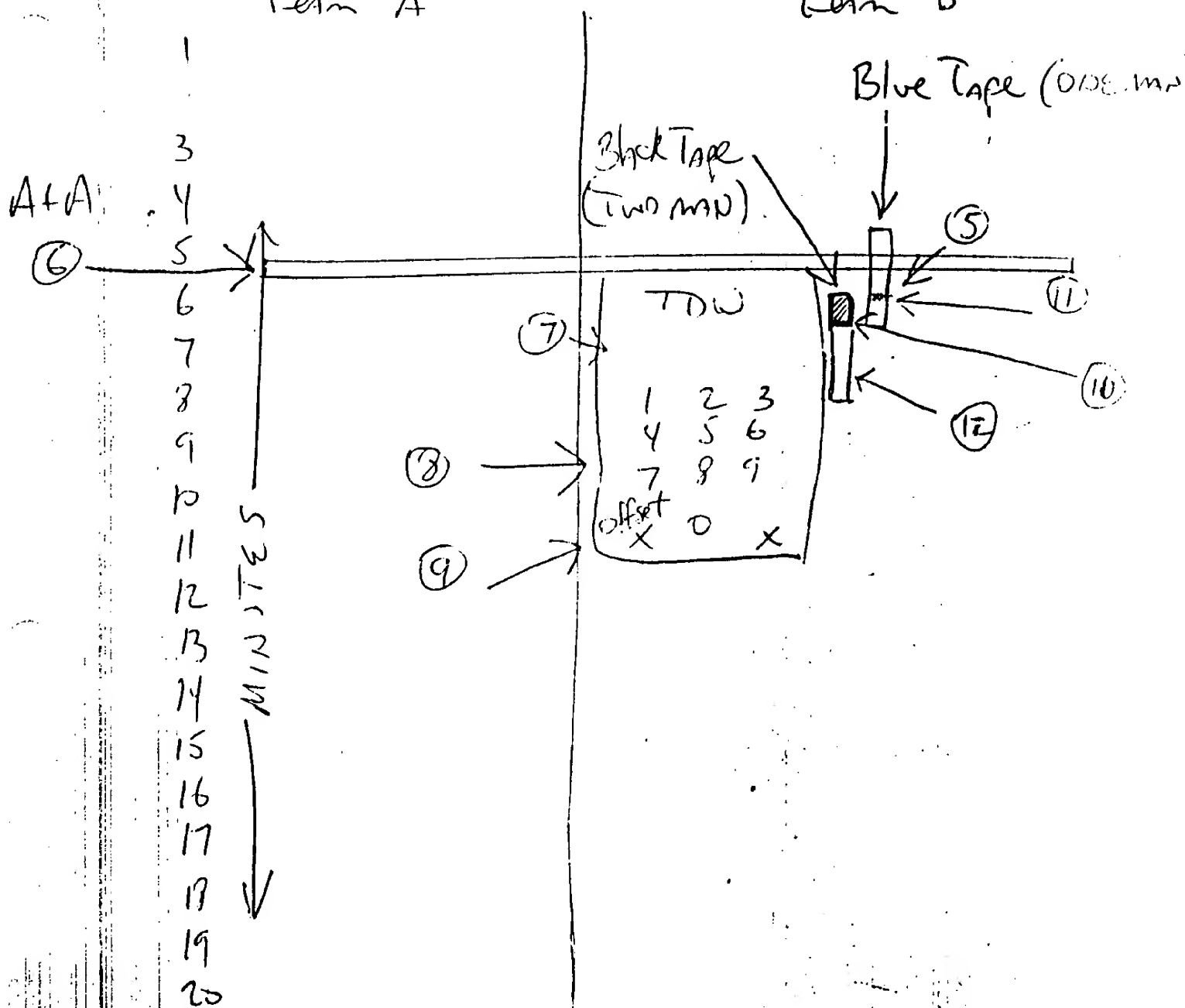


FIG. 18C

Example D

Item "A"

Item "B"

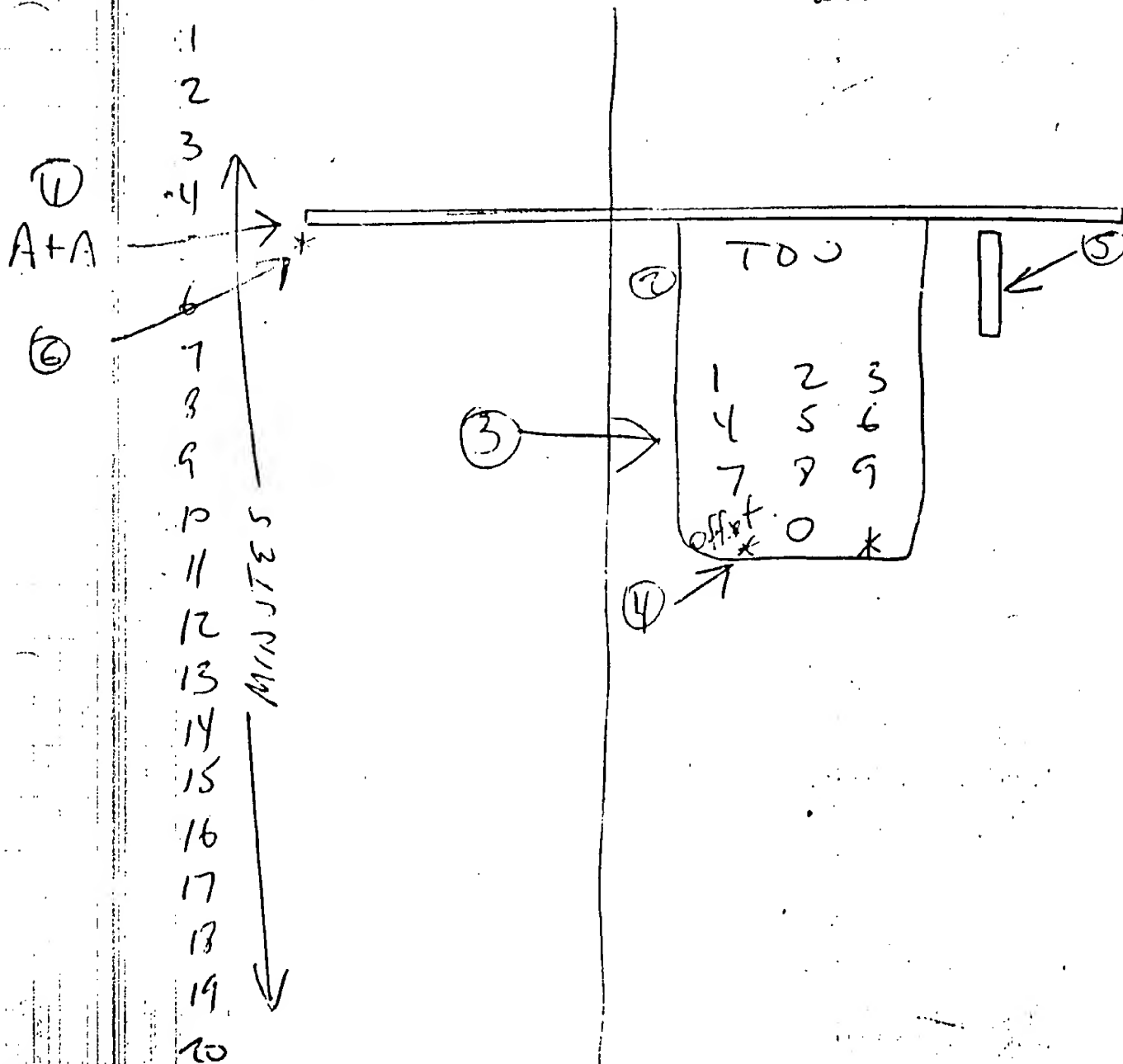


FIG. 18D

Example 2

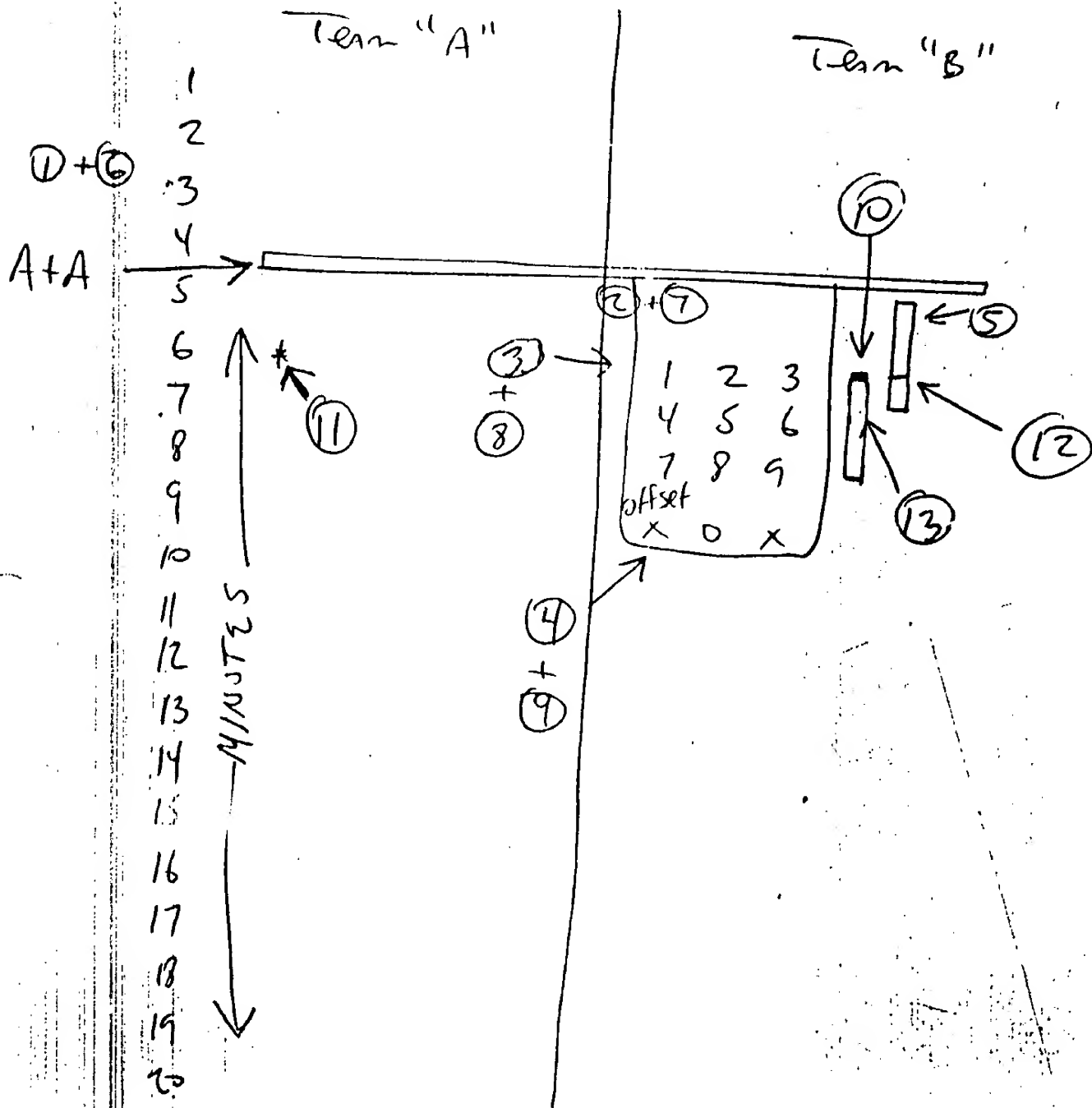


FIG 18E